

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Kraemer et al.
App. No.	:	Unknown
Filed	:	Herewith
For	:	SYSTEMS AND METHODS OF SPATIAL IMAGE ENHANCEMENT OF A SOUND SOURCE
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing fifty-eight (58) references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of all other references, if listed, are enclosed.

This Information Disclosure Statement is being filed within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12/12/05

By: John R. King

John R. King  
Registration No. 34,362  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT          BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. SRSLABS.323A	APPLICATION NO. Unknown
	APPLICANT Kraemer et al.	
	FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		3,541,266	11/17/70	Klayman, et al.			
		4,239,937	12/16/80	Kampman			
		4,239,939	12/16/80	Griffis			
		4,308,424	12/29/81	Bice, Jr.			
		4,394,535	7/19/83	Bingham, et al.			
		4,479,235	10/23/84	Griffis			
		4,489,432	12/18/84	Polk			
		4,496,979	1/29/85	Yu, et al.			
		4,594,610	6/10/86	Patel			
		4,594,730	6/10/86	Rosen			
		4,625,326	11/25/86	Kitzen, et al.			
		4,633,495	12/30/86	Shotz			
		4,685,134	8/4/87	Wine			
		4,706,287	11/10/87	Blackmer			
		4,748,669	5/31/88	Klayman			
		4,819,269	4/4/89	Klayman			
		4,836,329	6/6/89	Klayman			
		4,841,572	6/20/89	Klayman			
		4,866,774	9/12/89	Klayman			
		5,319,713	6/7/94	Waller, Jr., et al.			
		5,333,201	7/26/94	Waller, Jr.			
		5,459,813	10/17/95	Klayman			
		5,638,452	6/10/97	Waller, Jr.			
		5,661,808	8/26/97	Klayman			
		5,771,295	6/23/98	Waller, Jr.			
		5,784,468	7/21/98	Klayman			
		5,850,453	12/15/98	Klayman, et al.			
		5,892,830	4/6/99	Klayman			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,912,976	6/15/99	Klayman, et al.			
		5,970,152	10/19/99	Klayman			
		6,281,749	8/28/01	Klayman, et al.			
		6,285,767	9/4/01	Klayman			
		6,590,983	7/8/03	Kraemer			
		6,597,791	7/22/03	Klayman			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Schroeder, M.R., "An Artificial Stereophonic Effect Obtained from a Single Audio Signal", Journal of the Audio Engineering Society, Volume 6, Number 2, pp. 74-79, April, 1958.
	Kurozumi, K., et al., "A New Sound Image Broadening Control System Using a Correlation Coefficient Variation Method", Electronics and Communications in Japan, Volume 67-A, No. 3, pp. 204-211, March, 1984.
	Sundberg, J., "The Acoustics of the Singing Voice", The Physics of Music, pp. 16-23, 1978.
	Ishihara, M., "A New Analog Signal Processor For A Stereo Enhancement System", IEEE Transactions on Consumer Electronics, Vol. 37, No. 4, pp. 806-813, November, 1991.
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	Vaughan, D., "How We Hear Direction", Audio, pp. 51-55, December, 1983.
	Stevens, S., et al., "Chapter 5: The Two-Eared Man", Sound and Hearing, pp. 98-106 and 196, 1965.
	Eargle, J., "Multichannel Stereo Matrix Systems: An Overview", Journal of the Audio Engineering Society, pp. 552-558.
	Stock, G., "The New Featherweight Headphones" Audio, pp. 30-32, May, 1981.
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	Dickey, R., "Outputs of Op-Amp Networks Have Fixed Phase Difference", pp. 129-130.

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Sakamoto, N., et al., "On the Advanced Stereophonic Reproducing System Ambience Stereo", Audio Engineering Society Preprint No. 1361 (G-3), presented at the 670 <sup>th</sup> Convention, May 2-5, 1978, Los Angeles.
	National Radio Systems Committee, "Specification of the Radio Broadcast Data System (RBDS)," United States RBDS Standard, pp. 1-132, January 8, 1993.
	Wilson, Kim, "AC-3 Is Here! But Are You Ready To Pay The Price?", Home Theater, pp. 60-65, June, 1995.
	Audio Cyclopedia, p. 1092, 1979.
	Kaufman, Richard J., "Frequency Contouring For Image Enhancement", Audio, pp. 34-39, February, 1985.
	Philips Components, "Integrated Circuits Data Handbook: Radio, audio and associated systems, Bipolar, MOS, CA 3089 to TDA1510A" October 7, 1987, pp. 103-110.
	Kawano, et al., "Development of the Virtual Sound Algorithm", IEEE, p. 1189-1193, June 17, 1998.
	Coatzee, et al., "An LSP Based Speech Quality Measure", ICASSP-89, Vol. 1, pp. 596-599, May 23-26, 1989.
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